

Login Username

Login Email

NHPUC 20JUN'16AM11:50

NH Public Utilities Commission

REC Aggregator Portal

---

New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)**Basic Information**

---

Aggregator Batch Number

Aggregator name

Facility Owner Name

Facility Address

Facility Town/City

Facility State

Facility Zip

Mailing Zip

Primary Contact

Karen Tenneson

## Facility Information

Class

II

Utility

Unitil

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

NON85152

Date of Initial Operation

11/20/2015

Facility Operator Name, if applicable

Panel Make #1

SunEdison

Panel Model

F270

Panel Quantity

36

Panel Rated Output

270

Other panel make

Other panel model

More Panel types?

- ☒ No  
☐ Yes

Panel Make #2

Panel Model

Panel Quantity

Panel Rated Output

More Panel types?

- ☒ No  
☐ Yes

Panel Make #3

Panel Model

Panel Quantity

Panel Rated Output

System capacity based on panels

Inverter Make

Other inverter make

Inverter Quantity

36

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Rated Output - Primary Inverter

215

Rated Output - Additional Inverter

System capacity based on single inverter make

7740

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

7.74

Revenue Grade Meter Make

Revenue Grade GIS Approved Meter

AEE SOLAR

Other revenue-grade GIS-approved meter

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes  
☒ No

Electrician Name & Number

Ken Kleczek 13781M

Other Electrician Name & Number

Installation Company

SunRay Solar

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Equipment Vendor Company Name

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☐ Yes  
☒ No

Equipment Vendor

SunEdison

Please attach your completed interconnection agreement including Exhibit B.

[https://fs30.formsite.com/jan1947/files/f-5-99-7010393\\_48Jj4f0m\\_Barksdale\\_Exhibit\\_B.pdf](https://fs30.formsite.com/jan1947/files/f-5-99-7010393_48Jj4f0m_Barksdale_Exhibit_B.pdf)

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter (meeting ANSI C-12.1-2008 for installations up to and including 10 kW, or ANSI C12.16 or better for installations greater than 10kW up to 1 mW) is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

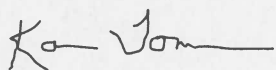
[https://fs30.formsite.com/jan1947/files/f-5-168-7010393\\_HgrDrwyh\\_John\\_Barksdale\\_contract\\_part\\_3\\_](https://fs30.formsite.com/jan1947/files/f-5-168-7010393_HgrDrwyh_John_Barksdale_contract_part_3_)

Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-173-7010393\\_CJ1I2Lfl\\_Barksdale\\_Application\\_Approved\\_1](https://fs30.formsite.com/jan1947/files/f-5-173-7010393_CJ1I2Lfl_Barksdale_Application_Approved_1)

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Karen Tonnesen

Date Signed

06/15/2016



UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

**Exhibit B - Certificate of Completion for Simplified Process Interconnections**

Installation Information:

☐ Check if owner-installed

Customer(print): John and Barbara Barksdale  
Mailing Address: 211 Concord Rd  
City: Epsom State: NH Zip Code: 03234  
Telephone (Daytime): 603-731-5315 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: jfbarksdale@hotmail.com

Address of Facility (if different from above): \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Electrical Contractor's Name (if appropriate): SunRay Solar, LLC  
Mailing Address 124A Hall Street  
City: Concord State: NH Zip Code: 03301  
Telephone (Daytime): 603-225-6001 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: ken@spreadthesunshine.com  
License number: 13781M

Date of approval to install Facility granted by the Company: \_\_\_\_\_

Application ID number: \_\_\_\_\_

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

Epsom NH Merrimack  
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): [Signature]

Name (printed): Joel French

Date: 11-20-15

As a condition of interconnection you are required to send/fax a copy of this form to:

**Generator Interconnection Applications**  
**Unitil**  
**325 West Road**  
**Portsmouth, NH 03801**  
**Fax: 603-294-5226**



## New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

John F Barksdale

---

Printed Name of signature owner

John F Barksdale  
John F Barksdale (Jun 13, 2016)

---

Signature of system owner





UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

**Simplified Process Interconnection Application and Service Agreement**

Contact Information: Date Prepared: 11/12/2015  
Legal Name and address of Interconnecting Customer (or, Company name, if appropriate)  
Customer Name (print): John Barksdale Contact Person, if Company: \_\_\_\_\_  
Mailing Address: 211 Gaboro Road  
City: Epsom State: NH Zip Code: 03234  
Telephone (Daytime): 603-731-5313 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: jfbarksdale@hotmail.com

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):  
Name: SunRay Solar, LLC  
Mailing Address: 124A Hall Street  
City: Concord State: NH Zip Code: 03301  
Telephone (Daytime): 603-225-6001 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: Amanda@spreadthesunshine.com

Electrical Contractor Contact Information (if appropriate):  
Name: SunRay Solar, LLC Telephone: 603-225-6001  
Mailing Address: 124A Hall Street  
City: Concord State: NH Zip Code: 03301

Facility Information:  
Address of Facility: 211 Gaboro Road  
City: Epsom State: NH Zip Code: 03234  
Electric Service Company: Unitil Account Number: 1037467-1070226 Meter Number: 100633  
Inverter Manufacturer: Enphase Model Name and Number: M215 Quantity: 36  
Nameplate Rating: 215 (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts) Single x or Three \_\_\_\_\_ Phase  
System Design Capacity: 7.74 (kVA) \_\_\_\_\_ (kVA)  
Net Metering: If Renewably Fueled, will the account be Net Metered? Yes x No \_\_\_\_\_  
Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other \_\_\_\_\_  
Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other \_\_\_\_\_  
UL 1741.1 (IEEE 1547.1) Listed? Yes x No \_\_\_\_\_  
Estimated Install Date: November 2015 Estimated In-Service Date: November 2015

Customer Signature  
I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:  
Interconnecting Customer Signature: [Signature] Title: homeowner Date: 11/24/2015  
**Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.**

Approval to Install Facility (For Company use only)  
Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes \_\_\_\_\_ No ✓ To be Determined \_\_\_\_\_)  
Company Signature: [Signature] Title: MB2-DIST. Date: DEC. 10, 2015  
Company waives inspection/Witness Test? Yes \_\_\_\_\_ No \_\_\_\_\_